WHAT IS CLAIMED IS:

- An image fiber comprising:
 an image fiber body having a twisted portion, wherein
 the rate of twist in the twisted portion is constant.
- 2. An image fiber according to claim 1, wherein the rate of twist in the twisted portion is set in a range from 1°/mm to 4000°/mm.
- 3. An image fiber according to claim 1, wherein the rate of twist in the twisted portion is set in a range from 5°/mm to 100°/mm.
- 4. An image fiber according to claim 1, wherein the rate of twist at the beginning portion of the twisted portion and the rate of twist at the end portion of the twisted portion are set in a range from 3°/mm to 400°/mm.
- 5. An image fiber according to claim 1, wherein the twisted portion comprises a protective element.
- 6. An image fiber according to claim 5, wherein the protective element comprises a reinforcing pipe and an adhesive that adheres the reinforcing pipe to the image fiber body.

pipe is	7. greater	An image fiber according to claim 6, wherein the 1 ngth of the reinforcing than the length of the twisted portion.
image i	8. fiber pr	An image fiber according to claim 6, wherein the reinforcing pipe overlaps an otective layer.
	9. fiber pr	An image fiber according to claim 8, wherein the reinforcing pipe overlaps the otective layer by 1 to 10 mm.
reinfore	10. cing pip	An image fiber according to claim 5, wherein inside portions of the see are chamfered.
flared.	11.	An image fiber according to claim 5, wherein ends of the reinforcing pipe are
reinfor	12. cing pi	An image fiber according to claim 5, wherein a middle portion of the pe is tapered.
portion	13. is poli	An image fiber according to claim 6, wherein an end portion of the twisted shed.

14. An image fiber according to claim 1, wherein the image fiber body comprises cores, and the rate of twist in the twisted portion is set so that the elongated lengths of the cores due to twisting do not exceed four times the original lengths thereof.

15. A fiber scope comprising:

an image fiber comprising,

an image fiber body having a twisted portion, wherein the rate of twist in the twisted portion is constant.

16. A fiber scope according to claim 15, wherein the twisted portion comprises a protective element.